

FPN: E17404

Incident Name: Colonial Gasoline Pipeline Rupture and Fire

Location: Pelham, Shelby County, Alabama

USCG District: 8th District

OSC: Karen Buerki

311: 20 Questions

- 1) Provide the time and date of oil or hazardous substance discharge, and the time and date of discovery that the discharge was reaching or threatening a waterway.

Gasoline pipeline was punctured during repair operations at 1455 EST on Oct 31, 2016.

- 2) The time and date of the response to the discharge by EPA, START, and the PRP if applicable. Provide the name(s) of any contractor(s) employed.

OSC Karen Buerki and (TetraTech) START were mobilized at 1800 EST on Oct 31, 2016.

- 3) The type of discharge (oil or hazardous substances), the type of oil or the chemical name and formula, the total amount of discharge in gallons, barrels, pounds, or kilograms; and the total number of days of discharge. If the solution discharged was a mixture, please give the percentages of substances in the mixture or solution.

Approximately 1,500 gallons spilled from the pipeline. The ongoing fire was burning off a majority of the fuel.

- 4) The location of the discharge including street address, city, county, and state.

-87.006394 Long, 33.204249 Lat. Discharge occurred in Pelham, Shelby County, Alabama.

- 5) The description of the facility or vessel from which the material was discharged (i.e. pipeline, tank, well, ship, container, etc.).

Pipeline

- 6) The total storage capacity (gallons, barrels, pounds, kilograms, etc.) of the facility or vessel responsible for the discharge.

4,000 barrels.

- 7) Did the oil or hazardous substances discharge into water?

No

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- a. Please indicate the location, in relation to the facility or vessel responsible for the discharge, of the first water reached.

A drainage ditch which feeds into a pond is located approximately 200 yards south of the explosion area. The pond feeds into the Cahaba River. Another drainage ditch travels north and feeds into Shades Creek which feeds into the Cahaba River.

- b. If not already in water, what is the distance between the source of discharge and the nearest water body?

Cahaba River is approximately 1 mile from the pipeline rupture.

- c. Give the quantity of oil or hazardous substances reaching the water.

No gasoline has reached water at this point.

- d. Give the quantity of oil or hazardous substances that did not reach the water.

4,000 barrels

- e. Describe the type of waterway affected (i.e. mudflat, sandflat, wetland, ditch, creek, bayou, tributary, stream, river, lake, etc.). Give the name of the waterway and bodies of water to which it connects.

See above (a)

- f. Provide a physical description of the receiving waters, including depth, width, and flow rate.

The two drainage ditches are shallow and dry.

- g. Indicate if any of the water bodies or connecting water bodies, as described above, are used for commerce, recreation, agriculture, etc.

The Cahaba River is used for recreation and agriculture.

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- h. List any sensitive environments (i.e. wetlands), endangered species, water wells and/or drinking water intakes impacted or potentially impacted by the discharge.

Endangered clams are located approximately 5 miles downstream on the Cahaba River.

- 8) Document how this spill violated the Clean Water Act.

Gasoline discharge that could potentially impact water.

- 9) Describe in detail what actually caused the discharge.

A Colonial repair team was conducting work and ruptured the pipeline which caused an explosion killing at least one person.

- 10) Describe the damage to public health and the environment as a result of the spill. How many feet, miles, etc., of land and water were affected by the discharge? Was there observed damage to the terrestrial and aquatic biota and vegetation? Were any drinking water intakes forced to close? Were any persons required to evacuate? If yes, describe the damage.

Smoke from the fire caused one residence to evacuate. Vegetation in the area was burned from the fire. Soil has been impacted from gasoline that discharged from the pipeline.

- 11) Describe the procedures taken to clean up the discharge and to mitigate the environmental damage and public health threats. Include dates and times for the individual procedures.

Crews are letting the fire burn up as much of the remaining product in the damaged section of the pipeline for safety reasons. Earthen dams have been installed in the dry drainage ditches and boom has been installed on the Cahaba River as preventative measures.

- 12) List the federal and state agencies contacted by the owner or operator at the time of the discharge. Also include the agency's location (mailing address, city, county and state), the date and time of notification, and the name of the official contacted.

Colonial notified the NRC at 1656 on Oct 31, 2016.

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- 13) State whether an SPCC inspection was conducted and describe any findings.

No

- 14) Document the spill history of the facility and list the discharges which have occurred at this facility within the past five years using the following table.

DATE	AMT DISCHARGED	AMT IN WATER	SOURCE & CAUSE
9/9/2016	6,000 barrels	unknown	leak

- 15) Provide the name, title, home address, and home/work telephone number(s) of the owner(s) of the vessel or facility responsible for the discharge.

**Colonial Pipeline
1185 Sanctuary Pkwy #100
Alpharetta GA 30009**

- 16) Provide the name, title, home address, and home/work telephone number(s) of the operator(s) of the vessel or facility responsible for the discharge if different from the owner, and the relationship between the owner and operator (i.e. employee, contractor, subcontractor, lessee, etc.)

Same as above

- 17) Provide the names, titles, home addresses, and home/work telephone numbers of the persons who have knowledge of the facts concerning the spill as an attachment to the report labeled "Table of Witnesses". Include EPA, State, and local officials, START/Strike Team members, other Federal agencies, the company, and the cleanup contractor in the table.

See below

- 18) Does the owner or operator have a National Pollutant Discharge Elimination System (NPDES) permit or any other discharge permit provided by the local, state, or federal government? If yes, name and describe the permit.

No

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- 19) Has the facility ever been assessed a fine for this incident or any other discharge by any other government entity (i.e. city, county, state, federal)? If yes, name the agency or agencies that have assessed a fine(s) on the facility or vessel, and the date(s) when the fine(s) was assessed.

Unknown

- 20) Include the Federal Project Number on the title (cover) sheet of the incident summary report.

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